

# Public Health Reports

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WASHINGTON, D. C., JUNE 18, 1897.

No. 25.

## UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

### *Yellow fever on steamship Advance.*

[Telegram.]

QUARANTINE, STATEN ISLAND, *June 12, 1897.*

Case of yellow fever occurred on steamship *Advance*, from Colon; died at sea and removed to Swinburne Island.

A. H. DOTY,  
Health Officer.

### *Chilean bark Sulitelma suspected of infection.*

PORT TOWNSEND QUARANTINE, *June 3, 1897.*

SIR: I have the honor to report the arrival at this station of the Chilean bark *Sulitelma*, from Puna, Ecuador. While in Ecuador, the captain, mate, and 5 of the crew died. The cause of death can not be accurately ascertained, but it is reported that they died of a fever. The vessel will be taken to the station at Diamond Point, for disinfection.

Very respectfully,

WM. G. STIMPSON,  
Passed Assistant Surgeon, U. S. M. H. S.

### *Smallpox imported to Florida from Habana.*

JACKSONVILLE, FLA., *June 9, 1897.*

SIR: I am just in receipt of the following information in regard to the case of smallpox reported from Fort Meade yesterday:

In my report to you of this case of smallpox, I stated that she left Habana on the 22d of May. I have since learned that just before she left there she had a little brother and sister who died from the disease.

It will thus be seen that if smallpox is to be eliminated from possibilities of disease introduction into Florida during the present summer,

the passengers and their histories must be very carefully scrutinized ere they leave Habana, and in every case of doubt as to complete immunity the applicant for certificate should be revaccinated and detained sufficiently long to conclusively demonstrate immunity.

Very truly yours,

JOSEPH Y. PORTER,  
State Health Officer.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to June 18, 1897.\**

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Birmingham.....	May 8.....	1		
Mobile.....	Dec. 28-Jan. 26....	2		
	Mar. 28.....	1		
	Apr. 17.....	1		
	May 21.....	1		
	May 31.....	1		
Union Springs.....	Mar. 21.....		1	
<b>Connecticut:</b>				
New Haven.....	Feb. 17.....	1		
<b>Florida:</b>				
Pensacola.....	Jan. 19-Feb. 20....	13		12 varioloid.
	Feb. 28-Mar. 10....	14		Varioloid.
	Mar. 27-Apr. 3....	3		Do.
	Apr. 10-May 1....	10		Do.
	May 2-May 22....	7		Do.
	May 29-June 5....	2		Do.
Escambia County (not including Pensacola).....	Dec. 2-Jan. 19....	18		
<b>Illinois:</b>				
Chicago.....	Mar. 25.....			Smallpox reported; brought from Mexico.
	Mar. 27-Apr. 3....		1	
	Apr. 10-Apr. 17....	2		
	May 8-May 15....		1	
<b>Indiana:</b>				
Greenwood.....	Feb. 12.....	1		
<b>Massachusetts:</b>				
Boston.....	May 1-May 8....	4		
	May 22-May 29....	1		
Cambridge.....	June 6-June 12....	1		Varioloid.
Gloucester.....	June 9.....	1		
New Bedford.....	Apr. 10-Apr. 17....	1		
<b>Michigan:</b>				
Blissfield Township.....	Mar. 27-Apr. 10....			Smallpox reported.
	Apr. 17-May 1....			Do.
<b>Missouri:</b>				
St. Louis.....	April 29.....	2		
	May 1-May 22....	2	3	
<b>New York:</b>				
Brooklyn.....	Apr. 24-May 13....	2	1	
New York.....	Mar. 1-Mar. 31....		2	Do.
	Apr. 17-May 15....		10	
<b>Pennsylvania:</b>				
Drifton.....	Apr. 6.....	1		
<b>Tennessee:</b>				
Memphis.....	Apr. 1-June 12....	13		
<b>Washington:</b>				
Tacoma.....	Feb. 6.....	1		
Olympia.....	Mar. 1.....	1		

\* For table of smallpox in the United States, etc., May 9, 1896, to December 29, 1896, see PUBLIC HEALTH REPORTS, Vol. XII, No. 1.

*Report of immigration at Boston for the week ended June 5, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, June 5, 1897.**Number of alien immigrants who arrived at this port during the week ended June 5, 1897  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of im- migrants.
May 30	Steamship Yarmouth.....	Yarmouth, Nova Scotia .....	131
May 31	Steamship Halifax.....	Halifax, Nova Scotia .....	55
June 1	Steamship Lancastrian .....	Liverpool, England.....	3
June 2	Steamship Barnstable.....	Port Antonio, Jamaica.....	12
June 3	Steamship Schlesing.....	Port de Paix, Haiti.....	2
Do.....	Steamship Olivette.....	Halifax, Nova Scotia.....	30
Do.....	Steamship Yarmouth.....	Yarmouth, Nova Scotia .....	113
Do.....	Schooner Josie .....	Bellevue Cove, Nova Scotia.....	1
	Total .....	.....	347

THOMAS F. DELHANTY,  
*U. S. Commissioner of Immigration.**Week ended June 12, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, June 12, 1897.**Number of alien immigrants who arrived at this port during the week ended June 12, 1897 ;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of im- migrants.
June 6	Steamship Yarmouth.....	Yarmouth, Nova Scotia .....	60
Do.....	Steamship Belvidere.....	Kingston, Jamaica.....	30
June 7	Steamship Pavonia.....	Liverpool, England, and Queens- town, Ireland.....	320
Do.....	Steamship Halifax .....	Halifax, Nova Scotia.....	50
Do.....	Schooner Olivia .....	Bear River, Nova Scotia.....	1
June 8	Steamship Victorian .....	Liverpool, England .....	4
June 10	Steamship Olivette.....	Halifax, Nova Scotia.....	39
Do.....	Steamship Yarmouth.....	Yarmouth, Nova Scotia .....	109
June 11	Steamship Virginian.....	London, England.....	2
	Total.....	.....	615

THOMAS F. DELHANTY,  
*U. S. Commissioner of Immigration.*

*Report of immigration at New York for the week ended June 5, 1897.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of New York, June 7, 1897.

*Number of alien immigrants who arrived at this port during the week ended June 5, 1897;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
May 30	Steamship La Touraine.....	Havre.....	370
Do....	Steamship Obdam.....	Rotterdam.....	301
May 31	Steamship City of Rome.....	Glasgow.....	377
June 1	Steamship Chateau Lafite.....	Naples.....	784
Do....	Steamship Pisa.....	Hamburg.....	175
June 2	Steamship Georgia.....	Stettin.....	222
Do....	Steamship Southwark.....	Antwerp.....	200
June 3	Steamship Britannia.....	Naples.....	255
Do....	Steamship Servia.....	Liverpool and Queenstown.....	273
Do....	Steamship Havel.....	Bremen.....	221
Do....	Steamship Patria.....	Hamburg.....	391
June 4	Steamship Germanic.....	Liverpool and Queenstown.....	466
June 5	Steamship Columbia.....	Hamburg.....	196
Do....	Steamship Paris.....	Southampton.....	137
Total.....			4,368

Dr. J. H. SENNER,  
Commissioner of Immigration.

*Report of immigration at New York for the week ended June 12, 1897.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
Port of New York, June 12, 1897.

*Number of alien immigrants who arrived at this port during the week ended June 12, 1897;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
June 6	Steamship Veendam.....	Rotterdam.....	235
Do....	Steamship La Bretagne.....	Havre.....	235
Do....	Steamship Etruria.....	Liverpool and Queenstown.....	190
Do....	Steamship Barbarossa.....	Bremen.....	423
June 7	Steamship Tartar Prince.....	Rio de Janeiro.....	7
Do....	Steamship Aller.....	Bremen.....	103
Do....	Steamship Patria.....	Marseilles and Naples.....	445
June 8	Steamship State of Nebraska.....	Glasgow.....	62
Do....	Steamship Anchoria.....	do.....	80
June 9	Steamship Kaenigin Luise.....	Bremen.....	231
Do....	Steamship Teutonic.....	Liverpool and Queenstown.....	513
June 10	Steamship Noordland.....	Antwerp.....	209
Do....	Steamship Saale.....	Bremen.....	131
Do....	Steamship Kaiser Wilhelm II.....	Genoa, Naples, etc.....	528
Do....	Steamship Persia.....	Hamburg.....	271
June 11	Steamship Norge.....	Copenhagen, etc.....	119
June 12	Steamship Adria.....	Hamburg.....	150
Do....	Steamship Augusta Victoria.....	do.....	139
Do....	Steamship St. Paul.....	Southampton.....	157
Do....	Steamship Campania.....	Liverpool and Queenstown.....	301
Total.....			4,529

Dr. J. H. SENNER,  
Commissioner of Immigration.

*Report of immigration at Philadelphia for the week ended June 12, 1897.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, June 12, 1897.**Number of alien immigrants who arrived at this port during the week ended June 12, 1897;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
June 6	Steamship Waesland.....	Liverpool and Queenstown.....	158
June 7	Steamship Assyrian.....	Glasgow.....	6
June 8	Steamship Minnesota.....	London and Swansea.....	1
	Total.....		165

J. S. HUGHES,  
*Acting Commissioner.**Résumé of work down at San Francisco quarantine during May, 1897.*

ANGEL ISLAND, CAL., June 7, 1897.

SIR: I have the honor to report that during the month of May we treated 1,251 persons in quarantine, all of whom were bathed and their clothing and baggage disinfected. In all, 2,144 pieces of baggage were handled. The contents of 138 bags of mail were also disinfected and two vessels were disinfected throughout. The following table is a summary of operations:

*Summary of quarantine operations.*

Date.	Name of vessel.	Persons quarantined.				Crew.	Pieces of baggage.	Bags of mail.	Vaccinated.
		Cabin passengers.	Steerage passengers.						
			Chinese.	Japanese.	European.				
1897.									
May 7	Steamship Umatilla.....			51			70		
May 10	Steamship China.....		577	40	4	7	1,500		
May 12	Steamship Puebla.....			21			23		
May 21	Steamship Belgic.....		195	25	6		443	120	21
May 25	Steamer Colon *.....	23	15		25	83	108	18	
May 30	Ship Matterhorn *.....					22			
May 31	Steamship Peru.....		109	32	6				
		23	896	169	41	112	2,144	138	21

\* Disinfected. The other vessels passed without disinfection.

Very respectfully,

M. J. ROSENAU,  
*Passed Assistant Surgeon, U. S. M. H. S.*

## QUARANTINE REPORTS.

## National quarantine and inspection stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Alexandria, Va.	June 12	Am. bg. Wau Bun *	May 23	Zaza, Cuba	Brunswick	Disinfected and held	June 6		1
Brunswick, Ga.	do.	Nor. bk. Mod *	May 29	Bahia, Brazil	do	do	June 9		1
Cape Charles, Va.	June 12	Sp. bk. Antonio Jane	June 7	Habana	do	Held for disinfection			
Cape Fear, N. C.	do.	Dan. bk. Esmeralda	June 10	Guadaloupe, W. I.	do	do		No report.	3
Delaware Breakwater Quarantine, Del.	June 12							No transactions	
Eureka, Cal.	June 2							No transactions	1
Grays Harbor, Wash.	June 9							No transactions	1
Gulf Quarantine, Ship Island, Miss.	June 5	Br. ss. Bentala *	May 26	Ft. de France, Martinique	Ship Island	Disinfected and held	May 31		
		Br. ss. Mortlake *	do.	Santos via St. Lucia W. I.	do	do	do.		
		Am. sc. Rita Cue *	May 28	Vera Cruz	Pascagoula	do	June 2	Held for master to make arrangements to return to Horn Island.	
		Nor. bk. Meran	May 30	St. Thomas, W. I.	do	Inspected and held	May 31		
		Nor. bk. Hildegard	June 2	Habana	do	Disinfected and held			
		Br. sc. Walter Summer	June 4	Coatzacoalcas, Mex.	Mobile	do			
		Am. sc. Gertrude A. Bartlett	May 29	Progreso, Mex.	Ship Island	Inspected and held for instructions.		Was first taken to state quarantine at Cat Island — disinfected and held.	
Newbern, N. C.	May 29	Rus. sc. Johannes *†	May 11	Para	Pascagoula	Disinfected and held	May 24	No transactions	6
Port Townsend Quarantine, Wash.	June 5								26
Reedy Island Quarantine, Del.	June 5	Ger. s. Ebenezzer *	May 23	Santos	Philadelphia	Held for disinfection			
		Am. bk. Wandering Jew *	May 25	Habana	do	do			
San Diego, Cal.	do.	Br. bk. Matterhorn	May 30	Hongkong	San Francisco	Disinfected and released	June 1	22 crew bathed and their baggage and clothing disinfected.	4
San Francisco Quarantine, Cal.	do.								19

South Atlantic Quarantine, Blackbeard Island, Ga.	.....do.....	Nor. bk. Allegro *	May 21	Montevideo ..	Sapelo.....	Disinfected.....	June 5	.....
		Rus. bk. Australia *	May 23	Rio.....	.....do.....	Disinfected and held.....		.....
		Br. bk. Innerwick *	May 24	do.....	.....do.....	Held for disinfection.....		.....
		Br. s. Parthenope *	May 27	Rio via Bar- bados	Savannah ..	.....do.....	2 cases of yellow fever.	.....
		Br. bk. Angleses.....	June 4	Bahia, Brazil.	Sapelo.....	.....do.....	Pending decision of Bureau.	.....
							No report.....	.....
Tortugas Quarantine, Key West, Fla. Washington, N. C.....	June 12							1

\* Previously reported.

† Omitted from report of May 29.

## QUARANTINE REPORTS—Continued.

*State and municipal quarantine stations.*

[Vessels named only when detained or given treatment at quarantine.]

[illegible]

Savannah, Ga.....	June 5	Br. bkn. Margarita *.	May 20	Rto Grande do Sul, via Barbados and St. Thomas.	Savannah .....	Held for observation.....	May 31	.....	.....
		Br. bk. Cambrian Queen. *	May 22	Rto .....	.....do .....	Ballast discharged; held for observation.	.....	3 cases yellow fever at Rio; 2 left, 1 recov- ered on voyage.	.....
		Am. sc. Georgia L. Drake.	June 3	Agua, via New York.	.....do .....	Disinfected.....	June 4	.....	.....
		Nor. bk. Bland.....	June 4	Haiti, via Rotterdam.	.....do .....	Waiting orders.....	.....	6 cases yellow fever at Haiti.	.....
Tampa Bay, Fla .....	June 12	Am. sc. Mary B. Baird.	June 11	Cienfuegos, Cuba.	Port Tampa...	Held for disinfection.....	.....	.....	15

\* Previously reported.

*Reports of States and yearly and monthly reports of cities.*

CALIFORNIA—*Oakland*.—Month of May, 1897. Estimated population, 60,000. Total deaths, 60, including enteric fever, 1, whooping cough, 2, and phthisis pulmonalis, 10.

*Sacramento*.—Month of May, 1897. Estimated population, 30,000. Total deaths, 26, including phthisis pulmonalis, 8.

COLORADO—*Denver*.—Month of May, 1897. Estimated population, 160,000. Total deaths, 138, including diphtheria, 1; enteric fever, 1; scarlet fever, 1; measles, 1; phthisis pulmonalis, 30, and whooping cough, 3.

IOWA—*Boone*.—Month of April, 1897. Estimated population, 9,000. Total deaths, 4, including phthisis pulmonalis, 1.

*Burlington*.—Month of April, 1897. Estimated population, 28,000. Total deaths, 19, including phthisis pulmonalis, 2.

*Cedar Rapids*.—Month of April, 1897. Estimated population, 21,600. Total deaths, 9, including phthisis pulmonalis, 3.

*Clinton*.—Month of April, 1897. Estimated population, 25,000. Total deaths, 13, including phthisis pulmonalis, 3.

*Council Bluffs*.—Month of March, 1897. Estimated population, 18,063. Total deaths, 19, including phthisis pulmonalis, 3.

*Creston*.—Month of April, 1897. Estimated population, 7,000. Total deaths, 12.

*Davenport*.—Month of March, 1897. Estimated population, 35,000. Total deaths, 34, including phthisis pulmonalis, 2.

*Des Moines*.—Month of March, 1897. Estimated population, 82,600. Total deaths, 46, including measles, 1, and phthisis pulmonalis, 8. Month of April, 1897. Total deaths, 46, including diphtheria, 2, and phthisis pulmonalis, 4.

*Dubuque*.—Month of March, 1897. Estimated population, 40,000. Total deaths, 30, including diphtheria, 1, and phthisis pulmonalis, 6.

*Keokuk*.—Month of April, 1897. Estimated population, 19,305. Total deaths, 12, including whooping cough, 2, and phthisis pulmonalis, 3.

*Oskaloosa*.—Month of April, 1897. Estimated population, 8,500. Total deaths, 7, including phthisis pulmonalis, 1.

*Ottumwa*.—Month of April, 1897. Estimated population, 18,000. Total deaths, 15, including phthisis pulmonalis, 1.

OHIO—*Cleveland*.—Month of May, 1897. Estimated population, 350,000. Total deaths, 377, including diphtheria, 12; enteric fever, 6; measles, 1; scarlet fever, 1, and phthisis pulmonalis, 53.

RHODE ISLAND—*Newport*.—Month of May, 1897. Estimated population, 21,500. Total deaths, 22, including phthisis pulmonalis, 2.

WASHINGTON—*Seattle*.—Month of May. Estimated population, 60,000. Total deaths, 30, including phthisis pulmonalis, 1.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Ashtabula, Ohio.....	June 12....	8,338	145	16	.....	.....	.....	.....	.....	12	1	12	.....
Baltimore, Md.....	June 5.....	434,439	242	8	.....	.....	.....	.....	1	.....	.....	.....	1
Do.....	June 12....	434,439	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bennington, Vt.....	June 5.....	6,391	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Binghamton, N. Y.....	do.....	35,005	7	1	.....	.....	.....	.....	1	.....	.....	.....	.....
Do.....	June 12....	35,005	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boston, Mass.....	June 5.....	448,477	205	26	.....	.....	.....	.....	1	4	12	.....	.....
Do.....	June 12....	448,477	174	26	.....	.....	.....	.....	1	5	9	3	.....
Braddock, Pa.....	May 29....	8,561	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bristol, R. I.....	June 5.....	5,478	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooklyn, N. Y.....	do.....	806,343	319	41	.....	.....	.....	.....	1	7	21	11	.....
Do.....	June 12....	806,343	347	37	.....	.....	.....	.....	1	6	21	6	2
Brownsville, Tex.....	May 29....	6,134	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Butler, Pa.....	June 5.....	8,734	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Do.....	June 12....	8,734	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cambridge, Mass.....	June 5.....	70,028	18	1	1	.....	.....	.....	1	.....	2	.....	.....
Do.....	June 12....	70,028	33	6	.....	.....	.....	.....	.....	.....	4	.....	1
Carlisle, Pa.....	June 5.....	7,620	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	7,620	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Charleston, S. C.....	June 5.....	* 54,955	† 31	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati, Ohio.....	do.....	296,908	75	9	.....	.....	.....	.....	.....	.....	.....	2	2
Do.....	June 11....	296,908	88	10	.....	.....	.....	.....	.....	.....	.....	2	1
Cleveland, Ohio.....	June 5.....	261,353	96	9	.....	.....	.....	.....	1	.....	2	1	.....
Do.....	June 12....	261,353	68	5	.....	.....	.....	.....	1	.....	.....	.....	.....
Columbus, Ind.....	do.....	6,719	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Columbus, Ohio.....	June 5.....	88,150	27	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio.....	June 3.....	61,220	27	5	.....	.....	.....	.....	.....	.....	.....	1	.....
Do.....	June 10....	61,220	24	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dedham, Mass.....	May 29....	7,123	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 5.....	7,123	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Denver, Col.....	May 29....	106,713	26	8	.....	.....	.....	.....	.....	.....	1	.....	.....
Dunkirk, N. Y.....	June 5.....	9,416	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Elizabeth City, N. J.....	do.....	37,764	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	37,764	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Erie, Pa.....	June 5.....	40,634	9	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	40,634	10	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Everett, Mass.....	June 14....	11,068	8	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Fitchburg, Mass.....	June 5.....	22,037	10	2	.....	.....	.....	.....	1	.....	.....	.....	.....
Fall River, Mass.....	do.....	74,398	28	4	.....	.....	.....	.....	1	.....	.....	.....	.....
Do.....	June 12....	74,398	26	3	.....	.....	.....	.....	.....	.....	.....	1	.....
Gloucester, Mass.....	June 5.....	24,651	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Do.....	June 12....	24,651	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Green Bay, Wis.....	do.....	9,069	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Haverhill, Mass.....	June 5.....	27,412	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	27,412	12	1	.....	.....	.....	.....	.....	.....	.....	1	.....
Hoboken, N. J.....	June 5.....	43,648	13	2	.....	.....	.....	.....	.....	.....	1	.....	.....
Indianapolis, Ind.....	do.....	105,436	33	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ironton, Ohio.....	do.....	10,939	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	10,939	4	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Jacksonville, Fla.....	June 5.....	17,201	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jersey City, N. J.....	June 6.....	163,003	57	11	.....	.....	.....	.....	.....	1	1	1	.....
Johnstown, Pa.....	June 12....	21,805	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kalamazoo, Mich.....	do.....	17,853	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lawrence, Mass.....	June 5.....	44,654	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lebanon, Pa.....	June 6.....	44,664	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lowell, Mass.....	June 5.....	77,696	41	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	77,696	23	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lynchburg, Va.....	June 5.....	19,709	10	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	19,709	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Manchester, N. H.....	June 5.....	44,126	17	2	.....	.....	.....	.....	.....	.....	.....	1	.....
Do.....	June 12....	44,126	14	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
McKeesport, Pa.....	June 5.....	20,741	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medford, Mass.....	do.....	11,079	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	11,079	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Memphis, Tenn.....	June 5.....	64,495	19	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	64,495	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Michigan City, Ind.....	June 5.....	10,776	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	June 12....	10,776	5	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Middletown, N. Y.....	June 7.....	11,977	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Milwaukee, Wis.....	June 12....	204,468	61	4	.....	.....	.....	.....	.....	1	1	1	1
Minneapolis, Minn.....	May 29....	164,738	37	6	.....	.....	.....	.....	.....	1	.....	.....	2
Do.....	June 5.....	164,738	33	6	.....	.....	.....	.....	.....	3	.....	.....	.....

\* Estimated population, 65,165; white, 28,870; colored, 36,293. † White, 9; colored, 22.

## MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Pneumonia.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Mobile, Ala.....	June 5.....	31,076	11	1									
Do.....	June 12.....	31,076	15		1					1			
Nashville, Tenn.....	June 5.....	76,168	33	3									
Do.....	June 12.....	76,168	26	2						1			
New Bedford, Mass.....	June 5.....	40,733	19								1		
Do.....	June 12.....	40,733	24								1		
New Brighton, N. Y.....	May 29.....	16,423	11									1	1
Do.....	May 29.....	16,423	5									1	1
Newburyport, Mass.....	do.....	13,947	4										
Do.....	June 5.....	13,947	1										
New Orleans, La.....	do.....	242,039	132	13						3			
Newport, R. I.....	do.....	19,457	8									1	
Do.....	June 12.....	19,457	2										
New York, N. Y.....	June 1.....	1,515,301	681	83	4				3	22	31	6	4
Do.....	June 12.....	1,515,301	660	76	1				2	13	31	10	6
North Adams, Mass.....	June 5.....	16,074	14										
Do.....	June 12.....	16,074	4										
Omaha, Nebr.....	May 29.....	140,452	11	1									1
Do.....	June 5.....	140,452	21										
Oneonta, N. Y.....	do.....	6,272	2										
Do.....	June 12.....	6,272	0										
Pensacola, Fla.....	June 5.....	11,750	3										
Do.....	June 12.....	11,750	5	2									
Petersburg, Va.....	June 6.....	22,680	13										
Philadelphia, Pa.....	June 5.....	1,046,964	367	39					9	5	23	2	5
Do.....	June 12.....	1,046,964	383	44					5	12	27	2	3
Pittsfield, Mass.....	June 5.....	17,281	2										
Poughkeepsie, N. Y.....	do.....	22,206	9	3								1	
Providence, R. I.....	do.....	132,146	57	6							3		1
Do.....	June 12.....	132,146	47	5						1	2		1
Pueblo, Colo.....	June 5.....	24,558	8	1								1	
St. Louis, Mo.....	do.....	451,770	168	16					2		3		1
Do.....	June 12.....	451,770	158	18					4		4		1
Salt Lake City, Utah.....	June 5.....	44,843	8										
San Diego, Cal.....	May 29.....	16,159	5										
Do.....	June 5.....	16,159	3										
Santa Barbara, Cal.....	May 29.....	5,864	3										
Do.....	June 5.....	5,864	1										
Scranton, Pa.....	do.....	75,215	36	1								2	
Spokane, Wash.....	May 29.....	19,922	5									1	
Stockton, Cal.....	Feb. 6.....	42,424	4										
Superior, Wis.....	June 12.....	11,983	5										
Taunton, Mass.....	June 5.....	25,448	8										
Do.....	June 14.....	25,448	10	2									
Utica, N. Y.....	June 5.....	44,007	18	2									
Waltham, Mass.....	do.....	18,707	2										
Do.....	June 12.....	18,707	5										
Warren, Ohio.....	do.....	5,973	2										
Washington, D. C.....	June 5.....	230,392	94	12					3		2		1
West Newton, Mass.....	do.....	24,379	8										
Do.....	June 12.....	24,379	7									1	
Wilmington, Del.....	do.....	61,431	19	2					1				
Winona, Minn.....	June 5.....	18,208	5										
Worcester, Mass.....	June 4.....	84,655	22	1									
Youngstown, Ohio.....	June 5.....	33,220	11	1									
Do.....	June 12.....	33,220	7	2					1				

#### ERRATA.

In Mortality Table, cities of the United States, page 594, of this issue of PUBLIC HEALTH REPORTS, Mobile, Ala., for week ended June 12 is credited with 1 death from yellow fever and 1 death from enteric fever. The table should read: 1 death from *phthisis pulmonalis* and 1 death from *enteric fever*.

APPENDIX

TABLES of the results of the experiments conducted at the  
University of California, Berkeley, during the summer of 1906,  
under the direction of Professor H. C. Houder, and  
published by the University of California Press, Berkeley, 1906.

Table of temperature and rainfall, week ended June 14, 1897.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.*	Excess.*	Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	54		2	.80		.60
Portland, Me.....	62		8	.77	1.43	
Northfield, Vt.....	64		8	.84	1.26	
Boston, Mass.....	65		9	.70	1.70	
Vineyard Haven, Mass.....	65		7	.53	.17	
Nantucket, Mass.....	61		5	.68		.48
Woods Hole, Mass.....	61		5	.63		.03
Block Island, R. I.....	60		2	.58	.22	
New Haven, Conn.....	66		6	.63	.87	
Albany, N. Y.....	68		6	.84	1.26	
New York, N. Y.....	68		6	.70	1.10	
Harrisburg, Pa.....	70		6	.98	.22	
Philadelphia, Pa.....	70		6	.70	1.10	
New Brunswick, N. J.....	69		7	.90	.70	
Atlantic City, N. J.....	65		3	.74		.24
Baltimore, Md.....	72		6	.91		.51
Washington, D. C.....	72		6	.91		.71
Lynchburg, Va.....	73		3	.78		.38
Cape Henry, Va.....	72		2	.91	.19	
Norfolk, Va.....	73		1	.98	.32	
Charlotte, N. C.....	75		1	1.05	1.05	
Raleigh, N. C.....	73	1		1.12		.72
Kittyhawk, N. C.....	74			1.03		
Hatteras, N. C.....	73			1.00		
Wilmington, N. C.....	75	1		1.31		.51
Columbia, S. C.....	78		0	.93	.37	
Charleston, S. C.....	78		0	1.28	.62	
Augusta, Ga.....	78	2		1.08	.82	
Savannah, Ga.....	78	2		1.58		.78
Jacksonville, Fla.....	80	2		1.23		.93
Jupiter, Fla.....	78		0	1.64	.86	
Key West, Fla.....	82		2	.95	.65	
<b>Gulf States:</b>						
Atlanta, Ga.....	75	3		.98	.22	
Tampa, Fla.....	80	2		1.55		1.55
Pensacola, Fla.....	79		1	1.24		1.24
Mobile, Ala.....	79		1	1.35		1.25
Montgomery, Ala.....	79	3		1.11		.91
Vicksburg, Miss.....	78		0	1.02		.72
New Orleans, La.....	80		0	1.54		1.34
Shreveport, La.....	79		1	.91		.91
Fort Smith, Ark.....	75	1		1.05		.85
Little Rock, Ark.....	77		1	1.06		1.06
Palestine, Tex.....	78		2	1.08		.78
Galveston, Tex.....	81		1	1.29		1.29
San Antonio, Tex.....	80		2	.64		.34
Corpus Christi, Tex.....	79		0	.69		.69
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	77		1	1.16		.86
Nashville, Tenn.....	76		2	.98		.78
Chattanooga, Tenn.....	75	1		1.15		1.05
Knoxville, Tenn.....	73	1		.95		.85
Louisville, Ky.....	74		2	1.03		.73
Indianapolis, Ind.....	71		3	1.11		.01
Cincinnati, Ohio.....	73		3	1.10		.60
Columbus, Ohio.....	71		5	.84		.74
Parkersburg, W. Va.....	72		4	.98	1.02	
Pittsburg, Pa.....	70		6	.77	.73	
<b>Lake Region:</b>						
Oswego, N. Y.....	63		7	.77	.03	
Rochester, N. Y.....	66		6	.77	.63	
Buffalo, N. Y.....	64		4	.84		.14
Erie, Pa.....	66		6	.97	.73	
Cleveland, Ohio.....	66		4	.91		.31
Sandusky, Ohio.....	68		6	.98		.18
Toledo, Ohio.....	69		5	.84		.34
Detroit, Mich.....	67		5	.86	.04	
Lansing, Mich.....	66		4	.99		.09
Port Huron, Mich.....	63		5	.94		.44
Alpena, Mich.....	59		1	.91		.71
Sault Ste. Marie, Mich.....	62		8	.70		.10
Marquette, Mich.....	59		1	.84		.74
Green Bay, Wis.....	58			.79		.79
Grand Haven, Mich.....	63		1	.97		.87

\* The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended June 14, 1897—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Milwaukee, Wis.....	62	2	.....	.98	.....	.58
Chicago, Ill.....	65	.....	1	.91	.....	.71
Duluth, Minn.....	56	.....	0	1.12	.....	.92
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	66	.....	0	1.09	.11	.....
La Crosse, Wis.....	69	.....	3	1.67	.....	.47
Dubuque, Iowa.....	69	.....	1	1.23	.....	1.13
Davenport, Iowa.....	70	.....	0	1.07	.....	1.07
Des Moines, Iowa.....	71	.....	1	1.37	.....	.97
Keokuk, Iowa.....	71	3	.....	1.06	.....	.96
Springfield, Ill.....	72	.....	0	1.12	.....	1.12
Cairo, Ill.....	75	.....	1	1.05	.....	1.05
St. Louis, Mo.....	75	.....	1	1.26	.....	1.26
<b>Missouri Valley:</b>						
Columbia, Mo.....	75	.....	.....	1.07	.....	.77
Springfield, Mo.....	72	.....	0	1.00	.....	.40
Kansas City, Mo.....	72	2	.....	1.19	.....	.09
Wichita, Kans.....	74	.....	0	1.31	.....	.71
Concordia, Kans.....	73	.....	.....	1.11	.....	.11
Lincoln, Nebr.....	70	2	.....	1.08	.....	.58
Omaha, Nebr.....	71	1	.....	1.33	.....	1.13
Sioux City, Iowa.....	72	.....	2	.77	.....	.67
Yankton, S. Dak.....	68	2	.....	.99	.....	.99
Valentine, Nebr.....	69	.....	1	.84	.....	.84
Huron, S. Dak.....	68	.....	2	.84	.....	.84
Pierre, S. Dak.....	70	.....	0	.84	.....	.44
Moorhead, Minn.....	66	.....	0	1.02	.....	.42
Bismarck, N. Dak.....	63	5	.....	.94	.....	.14
Williston, N. Dak.....	62	4	.....	.84	.06	.....
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	59	7	.....	.72	.....	.32
Helena, Mont.....	60	4	.....	.63	.....	.63
Miles City, Mont.....	66	6	.....	.83	.....	.83
Rapid City, S. Dak.....	65	3	.....	1.02	.....	.92
Spokane, Wash.....	61	1	.....	.47	.....	.07
Wallawalla, Wash.....	63	3	.....	.35	.....	.35
Baker City, Oreg.....	53	7	.....	.38	.....	.28
Winnemucca, Nev.....	58	.....	.....	.21	.....	.58
Salt Lake City, Utah.....	64	8	.....	.21	.....	.21
Lander, Wyo.....	61	.....	.....	.28	.....	.....
Cheyenne, Wyo.....	59	3	.....	.37	.....	.17
North Platte, Nebr.....	69	.....	3	.82	.....	.22
Denver, Colo.....	65	1	.....	.29	.81	.....
Pueblo, Colo.....	68	.....	0	.28	.....	.18
Dodge City, Kans.....	72	.....	0	.77	.....	.77
Oklahoma, Okla.....	76	.....	2	.78	.32	.....
Amarillo, Tex.....	72	.....	0	.80	.20	.....
Abilene, Tex.....	77	.....	3	.78	3.12	.....
Santa Fe, N. Mex.....	63	1	.....	.21	.09	.....
El Paso, Tex.....	79	.....	1	.07	.13	.....
Phoenix, Ariz.....	82	4	.....	.00	.00	.....
<b>Pacific Coast:</b>						
Tatoosh Island, Wash.....	53	.....	.....	.98	.....	.....
Port Angeles, Wash.....	53	.....	.....	.35	.....	.....
Fort Canby, Wash.....	55	.....	0	.63	.87	.....
Portland, Oreg.....	61	.....	3	.49	.....	.39
Roseburg, Oreg.....	60	2	.....	.35	.....	.35
Eureka, Cal.....	55	1	.....	.38	.....	.28
Redbluff, Cal.....	72	8	.....	.14	.....	.14
Carson City, Nev.....	60	6	.....	.13	.....	.13
Sacramento, Cal.....	67	5	.....	.07	.....	.07
San Francisco, Cal.....	58	.....	2	.07	.....	.07
Fresno, Cal.....	72	6	.....	.03	.....	.03
Los Angeles, Cal.....	64	4	.....	.03	.....	.03
San Diego, Cal.....	64	.....	0	.05	.....	.05
Yuma, Ariz.....	81	2	.....	.00	.....	.00

\* The figures in these columns represent the average daily departure.

## FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera, yellow fever, and plague as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 29, 1896, to June 15, 1897.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay .....	Dec. 8-Dec. 15...	.....	1	
	Dec. 22-Dec. 29...	.....	1	
	Mar. 23-Mar. 30...	.....	1	
	Mar. 31-May 4...	.....	12	
Calcutta.....	Nov. 14-Jan. 30...	.....	267	
	Jan. 31-Feb. 27...	.....	311	
	Feb. 28-Mar. 6...	.....	125	
	Mar. 6-May 1...	.....	1,073	
Madras.....	Nov. 21-Nov. 27...	.....	2	
	Nov. 28-Dec. 4...	.....	1	
	Dec. 12-Dec. 25...	.....	6	
	Dec. 26-Jan. 29...	.....	22	
	Jan. 30-Feb. 26...	.....	13	
	Feb. 27-Mar. 5...	.....	2	
	Mar. 6-Mar. 19...	.....	1	
	Mar. 20-Mar. 26...	.....	2	
Singapore.....	Nov. 1-Nov. 30...	.....	12	
	Dec. 1-Dec. 31...	.....	5	
Ceylon:				
Colombo .....	Nov. 28-Jan. 23...	.....	114	
	Jan. 23-Jan. 30...	1	1	
England:				
Plymouth.....	Jan. 9.....	.....	4	On steamship <i>Nubia</i> . No cases in city.
Japan:				
Tokyo .....	Dec. 4-Dec. 29...	8	7	
	Dec. 30-Jan. 18...	3	3	
Yokohama.....	Dec. 4-Dec. 29...	4	3	
	Dec. 30-Jan. 18...	2	2	

## YELLOW FEVER.

Brazil:				
Bahia .....	May 13-May 19...	5	3	
Para.....	Dec. 12-Jan. 30...	.....	32	
	Jan. 31-Feb. 27...	.....	20	
	Feb. 27-Mar. 6...	.....	9	
	Mar. 13-Mar. 20...	.....	3	
	Apr. 3-Apr. 10...	.....	3	
Rio de Janeiro.....	Nov. 21-Dec. 26...	.....	10	
	Dec. 26-Jan. 30...	.....	28	
	Jan. 31-Feb. 6...	12	5	
	Feb. 13-Feb. 20...	21	6	
	Feb. 20-Mar. 6...	.....	16	
	Mar. 7-May 15...	158	67	
Cuba: *				
Cardenas.....	Dec. 25-Jan. 30...	84	8	
	Jan. 31-Feb. 27...	38	1	
	Apr. 17-June 5...	35	7	
Cienfuegos.....	Dec. 20-Dec. 27...	.....	8	
	Dec. 28-Jan. 17...	.....	2	
	Apr. 4-Apr. 11...	.....	1	
	May 17-May 23...	.....	1	
Habana.....	Dec. 17-Dec. 31...	220	79	
	Jan. 1-Jan. 28...	400	144	
	Jan. 28-Feb. 23...	117	44	
	Feb. 25-Mar. 25...	130	38	
	Mar. 25-Apr. 29...	342	85	
	Apr. 30-June 10...	499	141	
Manzanillo.....	Apr. 1-Apr. 15...	.....	1	
	May 15-May 31...	.....	1	
Matanzas .....	Dec. 9-Dec. 23...	.....	8	
	Dec. 23-Jan. 27...	.....	19	
	Jan. 27-Feb. 24...	.....	4	
	Feb. 25-Mar. 31...	.....	2	
	Apr. 1-May 26...	9	6	

\* February 28, 1897, 300 cases of yellow fever were reported among the sick soldiers on the Island.

## Cholera, yellow fever, plague, etc.—Continued.

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Santiago .....	Dec. 5-Dec. 26.....		17	
	Dec. 26-Jan. 30.....		16	
	Jan. 16-Jan. 30.....		5	
	Jan. 30-Feb. 27.....		6	
	Feb. 27-Mar. 27.....		3	
	May 2-June 5.....	54	9	
Sagua la Grande.....	Dec. 19-Dec. 26.....	50	5	
	Dec. 26-Jan. 9.....	65	6	
	Jan. 9-Jan. 30.....	110	12	
	Jan. 31-Feb. 27.....	35	7	
	Feb. 27-Mar. 27.....	54	17	
	Mar. 28-May 29.....	186	11	
Ecuador:				
Guayaquil.....	Dec. 18-Jan. 1.....		9	
Haiti:				
Port au Prince.....	Dec. 1-Dec. 7.....		2	
	Dec. 14.....			Yellow fever epidemic.
	Mar. 1-Mar. 8.....		3	
Guadeloupe:				
Basse Terre.....	Jan. 5.....	1		
United States of Colombia:				
Panama .....	Apr. 14.....	20	17	
	June 5.....	80	54	Estimated.
Colon .....	May 12-May 25.....		5	

## PLAGUE.

Egypt:				
Suez.....	Mar. 31.....			One case of plague on Br. S. S. <i>Dilwara</i> from Bombay.
India:				
Bombay* .....	Dec. 1-Dec. 22.....		694	This is the number of deaths officially reported. The United States consul estimates the number of deaths for the same period at 2,763.
	Dec. 22-Jan. 5.....		738	Estimated deaths for this same period, 2,953.
	Jan. 5-Jan. 12.....		335	Estimated deaths for this same period, 1,388.
	Jan. 12-Jan. 19.....		470	
	Jan. 19-Jan. 26.....		443	Estimated deaths for this same period, 1,462.
	Jan. 26-Feb. 23.....		2,884	Estimated deaths for this same period, 5,845.
	Feb. 23-Mar. 9.....		1,282	Estimated deaths for this same period, 2,265.
	Mar. 9-Mar. 30.....		1,431	Estimated deaths for this same period, 2,730.
	Mar. 31-May 4.....		1,426	Estimated deaths for this same period, 2,634.
Calcutta.....	Feb. 6-Feb. 13.....		1	
Karachi.....	Jan. 11.....			Plague epidemic; 220 cases, 214 deaths to date.
China:				
Hongkong .....	Dec. 13-Dec. 29.....			A few cases.
Swatow .....	May 4.....			Epidemic of plague reported.
Japan:				
Formosa.....	Nov. 6-Nov. 30.....	53	37	
	Dec. 4-Dec. 29.....		15	
	Jan. 19-Jan. 27.....	3		
	Feb. 23-Mar. 12.....	3		
	Mar. 13-Mar. 23.....	4		
	Mar. 24-Mar. 31.....	3		
	Apr. 1-Apr. 20.....	64	54	
	Apr. 20-May 20.....	268		
	Apr. 20-Apr. 27.....	3		
Taihoku.....				
Russia:				
St. Petersburg.....	Apr. 10-Apr. 17.....		1	
Theodosia.....	Mar. 31.....			One case of plague on Br. S. S. <i>Baldwin</i> .

## BRAZIL.

*Sanitary report from Rio de Janeiro.*

RIO DE JANEIRO, BRAZIL, May 15, 1897.

SIR: I have the honor to transmit report for the week ended May 15, 1897:

There were 8 deaths from *accessio pernicioso*, the same as in the foregoing week; 3 from yellow fever, an increase of 1; 5 from beriberi, a decrease of 3; 1 from enteric fever, a decrease of 4; 48 from tuberculosis, a decrease of 2; none from whooping cough, 1 in the foregoing week; and 259 from all causes, a decrease of 27. The general health of the town and port is good, as it usually is at this time of the year.

Since last report the following-named ships have been inspected or received bills of health from this office: May 10, barkentine *Cypher*, British, for Savannah, Ga. May 11, bark *Baltimore*, American, for Baltimore, Md., and bark *Julius Palm*, Swedish, for Brunswick, Ga. May 12, bark *Zion*, German, for Delaware Breakwater, Pa.; steamship *Afghan Prince*, British, for New York, from Montevideo; bark *Orion*, British, for San Francisco, Cal., from Newcastle upon Tyne, and steamship *Lassell*, British, for New York. May 14, steamship *Langoe*, British, for Santa Lucia, West Indies; steamship *Delcomyn*, British, for Boston, Mass.; bark *Amy*, American, for Baltimore, Md., and bark *Freden*, Norwegian, for New York, N. Y. May 15, ship *Cora*, American, for Barbados, West Indies, and steamship *Canarias*, French, Santos to New York. May 16, steamship *Tartar Prince*, British, from Buenos Ayres to New York. May 17, steamship *Szent Istvan*, Hungarian, for New York from Santos.

Respectfully, yours,

R. CLEARY, M. D.,  
Sanitary Inspector, U. S. M. H. S.

## CUBA.

*Smallpox and yellow fever in Cuban seaports.*

June 12: The United States sanitary inspector at Habana reports that during the week ended June 10 there were in that city 37 deaths from yellow fever, with 130 new cases, and 8 new cases of smallpox, with 1 deaths.

June 8: The United States consul at Cardenas reports that during the week ended June 5 there were in that city 2 cases and no deaths from yellow fever, and 3 cases and 1 death from smallpox.

June 7: The United States consul at Sagua la Grande reports that during the week ended June 5 there were in that city 24 new cases reported from yellow fever, and 17 cases and 3 deaths from smallpox.

June 5: The United States sanitary inspector at Santiago reports that during the two weeks ended June 5 there were in that city 54 cases and 6 deaths from yellow fever.

*Sanitary report from Habana.*

HABANA, CUBA, June 12, 1897.

SIR: I have the honor to inform you that the mortality from smallpox in this city dwindled down to 1 death during the last week. That from yellow fever was 37, precisely the same as the previous week, and all were among Spanish soldiers. The weather continues warm and rainy.

*Mortuary report.*—During the week ended June 10 there were 226 deaths from all diseases, 37 of which were caused by yellow fever, with approximately 130 new cases; 1 was caused by smallpox, with 8 new cases, approximately; 7 were caused by enteric fever, 6 by so-called pernicious fever, 1 by paludal fever, 8 by dysentery, 24 by enteritis, 1 by glanders, 6 by pneumonia, and 36 by tuberculosis.

All of the 37 deaths during the week from yellow fever occurred among Spanish soldiers in the military hospitals, and the 1 death from smallpox was a civilian.

Very respectfully, your obedient servant,

D. M. BURGESS,  
*Sanitary Inspector, U. S. M. H. S.*

*Use of sugar warehouses as hospitals continued.*

[Telegram.]

WASHINGTON, June 7, 1897.

*United States Consul, Sagua la Grande, Ouba:*

Contrary to quarantine regulations to allow shipment of sugar or other merchandise stored in warehouses used as hospitals.

WYMAN, *Surgeon-General.*

SAGUA, June 8, 1897.

Quarantine regulations referred to are observed.

BARKER, *Consul.*

SAGUA LA GRANDE, CUBA, June 9, 1897.

SIR: I have the honor to append for confirmation the following telegram, in reply to yours of 7th instant:

WYMAN, *Washington:* Quarantine regulations referred to are observed.—BARKER, *Consul.*

And to add that as soon as the warehouses were being prepared for hospital use I notified all shippers of sugar and other merchandise that if goods were stored in them they could not receive clearance. Such as was put in them, I learn, went to Habana; but none has, nor will there be any out of the very insignificant shipment from this port made contrary to quarantine regulations.

Yours, truly,

WALTER B. BARKER,  
*United States Consul.*

*Sanitary reports from Santiago.*

HABANA, CUBA, June 10, 1897.

SIR: Your telegram of the 7th instant forbidding the shipment of sugar or other merchandise stored in yellow fever or smallpox ware-

houses, I had the honor of receiving same day, and parties interested in making shipments have been informed, and due vigilance will be exercised by us.

Very respectfully,

D. M. BURGESS,  
*Sanitary Inspector, U. S. M. H. S.*

SANTIAGO DE CUBA, May 29, 1897.

SIR: I have the honor to transmit the following report on the sanitary condition of Santiago de Cuba for the week ended May 29:

Ninety-three deaths have been reported for this period, of which 2 were from yellow fever, 35 from dysentery, 18 from diarrhea—acute and chronic; 7 from tuberculosis, 2 from remittent fever, 6 from pernicious fever; the rest from noncontagious diseases. The outlook for this summer is gloomy. Dysentery increases in epidemic form, while yellow fever is beginning its deadly work among the troops and unacclimated foreigners. There are now about 40 cases of yellow fever under treatment at the military hospital, and I predict that the number will increase daily and will be very mortiferous this summer. Malarial fevers do not seem to increase, while diarrhea is prevalent to a great extent.

Respectfully,

Dr. H. S. CAMINERO,  
*Sanitary Inspector, U. S. M. H. S.*

SANTIAGO DE CUBA, June 5, 1897.

SIR: I have the honor to inform you that the municipal records show the mortality for this week has been 108, 15 more than last week. Of these, 4 were from yellow fever, 41 from dysentery, 19 from diarrhea, both acute and chronic; 5 from tuberculosis, 3 from remittent and 7 from pernicious fevers, the rest from diseases of noncontagious character.

There are 1,500 sick soldiers at the military hospital and 54 cases of yellow fever, the number of the attacked increasing daily; the average of entries into hospital being about 30 daily. Twenty-five thousand men are expected within a few days to begin an active campaign against the rebels, and this will give us a very large number of yellow fever cases. Dysentery continues under epidemic form and diarrhea is very common. Malarial fevers have abated somewhat. The temperature now is hot and dry.

Respectfully,

Dr. H. S. CAMINERO,  
*Sanitary Inspector, U. S. M. H. S.*

JAPAN.

*United States quarantine regulations applied to vessels leaving China and Japan for the United States.*

YOKOHAMA, May 19, 1897.

SIR: I beg to request your attention to the following extract from a letter of the Surgeon-General of the United States Marine-Hospital Service, which has charge of the execution of the quarantine laws of the United States, and under which I am acting:

TREASURY DEPARTMENT,  
OFFICE SUPERVISING SURGEON-GENERAL MARINE-HOSPITAL SERVICE,  
Washington, D. C., March 18, 1897.

SIR: \* \* \* Relative to the establishment at Yokohama of a disinfecting plant and isolation quarters by the steamship companies plying between Chinese and Japanese ports and the United States, for the inspection of emigrants, disinfection, etc.,

you are hereby directed to inform the several companies interested, that, for their own safety, as well as for the protection of this country, against the infection of contagious diseases, the laws and regulations of the United States will be strictly enforced by you, and that it is required of the said companies to provide the necessary means for their proper compliance with said laws and regulations, as has been done in European ports for several years past, and as is still carried out by them under the direction of a sanitary inspector, or the United States consul, where no inspector is on duty.

Respectfully, yours,

WALTER WYMAN,

*Supervising Surgeon-General U. S. M. H. S.*

Dr. STUART ELDRIDGE,

*Sanitary Inspector, U. S. M. H. S., Yokohama, Japan.*

In view of the almost constant presence of infectious disease in China and Japan, it is highly desirable, in the interests of all concerned, that, as soon as possible, the needful appliances for the due enforcement of the law should be supplied. As matters now are, anything but a most perfunctory compliance with the quarantine regulations of the United States is impossible, and as with this the authorities at Washington refuse longer to be satisfied, in the case of the appearance of any important infectious disease, such as cholera or plague, I shall, in default of the requisite means for strict compliance with the regulations, be compelled to take action which will practically amount to the prohibition of all steerage travel.

I am, sir, very sincerely,

STUART ELDRIDGE, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

CONSULATE-GENERAL OF UNITED STATES,

*Kanagawa (Yokohama), May 19, 1897.*

Approved:

N. W. McIVOR, *Consul-General.*

To agents of steamship companies plying between China and Japan and the United States.

STUART ELDRIDGE, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

*Plague and smallpox in Japan.*

YOKOHAMA, May 21, 1897.

SIR: I regret to be unable to send my regular detailed report of infectious disease in Japan by this mail. I have, however, the honor to inform you that the smallpox epidemic is rapidly drawing to a close throughout the country. In Yokohama, during the past two weeks, there have been but 5 cases and 1 death.

The news regarding the plague in Formosa is by no means so satisfactory. From the 14th to the 20th of the present month the return of cases is as follows: Taichu, 10 cases; Tainan, 101 cases; Taihoku, 1 case; total, 112. No report of deaths.

There is little doubt that the actual number of cases is much larger than is officially reported.

Quarantine against Formosa is in force at all Japanese ports south of Yokohama. Here they seem to be depending on the necessary length of the voyage—in my opinion, a mistake.

I am, very respectfully, your obedient servant,

STUART ELDRIDGE,  
*Sanitary Inspector, U. S. M. H. S.*

## UNITED STATES OF COLOMBIA.

*Sanitary report from Panama.*

PANAMA, June 3, 1897.

SIR: In compliance with the act of February 15, 1893, I have the honor to make the following report of contagious diseases, and deaths occurring therefrom, at this place during the ten days ended this day, for the information of the Supervising Surgeon-General of the Marine-Hospital Service:

*Yellow fever.*—Estimated by me, 20 cases and mortality 14. Percentage less; doctors getting their hand in. No cholera, no plague, no smallpox.

Population, estimated, 30,000.

*Prevailing diseases (and other pertinent information)*—*Fevers.*—Garrison consists of 450 men. On the 29th of May there were 110 in hospital—74 fevers, 6 yellow; balance, vernal. At the French hospital, 210, of which 100 were negroes from Congo with beriberi. I think yellow fever is at a standstill.

Respectfully, yours,

VICTOR VIFQUAIN,  
*United States Consul-General.*

HON. SECRETARY OF THE TREASURY.

## STATISTICAL REPORTS.

AUSTRALIA—*Queensland—Brisbane.*—Month of February, 1897. Estimated population, 93,491. Total deaths, 67, including enteric fever, 8, and diphtheria, 4.

*New South Wales—Newcastle.*—Month of March, 1897. Estimated population, 15,331. Total deaths, 17.

*Sydney.*—Month of April. Estimated population, 410,000. Total deaths, 422, including enteric fever, 2; scarlet fever, 2; diphtheria, 8, and whooping cough, 1.

BAHAMAS—*Green Turtle Cay—Abaco.*—Two weeks ended June 3, 1897. Estimated population, 3,900. No deaths.

*Dunmore Town.*—Two weeks ended June 4, 1897. Estimated population, 1,472. No deaths reported.

*Governors Harbor.*—Two weeks ended June 4, 1897. Estimated population, 1,500. No deaths.

CHILE—*Valparaiso.*—Month of March, 1897. Estimated population, 126,500. Total deaths, 439, including enteric fever, 9; diphtheria, 2, and whooping cough, 5.

Month of April. Total deaths 465, including enteric fever, 15; scarlet fever, 1; diphtheria, 2, and whooping cough, 6.

CUBA—*Manzanillo.*—Two weeks ended May 31, 1897. Estimated population, 15,000. Total deaths, 60, including typhus fever, 2, and yellow fever, 1.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns in England and Wales during the week ended May 29 correspond to an annual rate of 16.6 a thousand of the aggregate population, which is estimated at 10,992,524. The highest rate was recorded in Salford, viz, 28.6, and the lowest in Croydon, viz, 6.9 a thousand.

*London.*—One thousand two hundred and seventy-five deaths were registered during the week, including measles, 18; scarlet fever, 9; diphtheria, 36; whooping cough, 47; enteric fever, 11, and diarrhea and dysentery, 12. The deaths from all causes correspond to an annual rate of 14.9 a thousand. In greater London, 1,647 deaths were registered, corresponding to an annual rate of 13.6 a thousand of the population. In the "outer ring" the deaths included 7 from diphtheria, 12 from measles, 9 from whooping cough, and 3 from scarlet fever.

*Sunderland.*—Two weeks ended May 22. Estimated population, 142,107. Total deaths, 100, including scarlet fever, 1; measles, 3, and whooping cough, 6.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended May 29 in the 23 principal town districts of Ireland was 25.1 a thousand of the population. The lowest rate was recorded in Dundalk, viz, 4.2, and the highest in Newtownwards, viz, 45.5 a thousand. In Dublin and suburbs 190 deaths were registered, including measles, 5; whooping cough, 2, enteric fever, 1, and scarlet fever, 3.

*Scotland.*—The deaths registered in 8 principal towns during the week ended May 29 correspond to an annual rate of 21.7 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Perth, viz, 10.2, and the highest in Leith, viz, 30.4 a thousand. The aggregate number of deaths registered from all causes was 648, including measles, 24; scarlet fever, 3; diphtheria, 5, and whooping cough, 34.

*HONDURAS—Belize.*—Month of February, 1897. Estimated population, 13,000. Total deaths, 123.

Month of March, 1897. Total deaths, 151, including phthisis pulmonalis, 1.

Month of April, 1897. Total deaths, 86, including phthisis pulmonalis, 2.

*JAMAICA—Kingston.*—Month of April, 1897. Estimated population, 18,040. Total deaths, 127, including enteric fever, 2; phthisis pulmonalis, 6, and whooping cough, 3.

Month of May, 1897. Total deaths, 158, including enteric fever, 6; diphtheria, 1, and phthisis pulmonalis, 14.

*NORFOLK ISLAND.*—Month of December, 1896. Estimated population, 868. Total deaths, 3 from whooping cough.

Month of January, 1897. Total deaths, 3, including whooping cough, 2.

**MORTALITY TABLE, FOREIGN CITIES.**

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Acapulco	May 29	5,000	5									
Do.	June 5	5,000	6									
Aden	May 8	38,584				6						
Aix la Chapelle	May 22	110,591	39							2		
Alexandria	May 6	231,396	234			2					12	
Amsterdam	May 29	498,974	129									
Bahia	May 19	256,000			3	3						
Belfast	May 22	281,431	112				8		1	1	1	
Do.	May 29	281,431	149					9			2	4
Belize	June 4	13,000	2									
Belleville	June 7	10,459	5				1					
Bergen	May 19	57,800	20						1			
Birmingham	May 29	505,772	164					1	1	3	6	4
Bluefields	do.	3,000	2									
Bologna	do.	152,006	62									
Bradford	May 15	221,610	72									
Do.	May 22	221,610	58				3					
Do.	May 29	221,610	67							1		
Bremen	May 22	142,500	51							2		
Bristol	May 15	232,242	77					1	1			
Do.	May 22	232,242	79						2			
Do.	May 29	232,242	61									
Brussels	May 22	507,985	190			1	3				2	
Cairo	May 6	374,838	350			2	3					
Callao	May 22	16,000	14									
Do.	May 9	16,000	18									
Do.	May 16	16,000	19									
Cardenas	May 29	23,517	38		3		11			1		
Cardiff	June 5	23,517	46			1	6					
Do.	May 8	170,063	39					1	1			
Do.	May 15	170,063	44					1	1	2	3	
Do.	May 22	170,063	52						1	2	3	
Catania	May 25	120,000	53					1	1			
Chatham	June 7	9,052	2									
Cienfuegos	June 6	24,030	43								4	
Cognac	May 22	21,000	1									
Cologne	do.	335,116	124							2	4	
Copenhagen	do.	335,714	154							1	1	
Corunna	May 15	37,000	23					1				
Do.	May 22	37,000	27					3				
Do.	May 29	37,000	21					5				
Dresden	May 15	351,000	120							2		
Do.	May 22	351,000	111					1	1	2		
Dublin	do.	350,000	183						1	2	5	
Do.	May 29	350,000	190					1	3		5	
Dundee	do.	163,090	67									
Dusseldorf	May 22	185,759	71							1		
Edinburgh	May 15	292,364	133								17	13
Do.	May 29	292,364	151							2	15	
Flushing	do.	17,193	5									
Ghent	May 22	159,218	72									
Gibraltar	May 16	25,900	16							1		
Do.	May 23	25,900	7									
Do.	May 30	25,900	17									
Girgenti	May 22	24,428	15									
Glasgow	do.	714,919	305							2	3	2
Do.	May 29	714,919	278							4	1	3
Gothenburg	May 22	115,896	32									
Guayaquil	May 14	50,000	90									
Do.	May 21	50,000	82									
Do.	May 28	50,000	71									
Halifax	June 5	38,700	12									
Hamburg	May 29	641,780	196					1				
Honolulu	May 1	30,000	13									
Do.	May 8	30,000	12							1		
Do.	May 15	30,000	11									
Do.	May 22	30,000	11							1		
Iquique	May 8	33,016	36									
Do.	May 15	33,016	42									
Kingston	June 4	18,040	6									
Do.	June 11	18,040	6									
Leeds	May 22	402,449	145						2	3		
Do.	May 29	402,449	144						1	1		
Leghorn	do.	94,423	33						1			
Leith	May 15	75,186	31							1	4	

## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Leith.....	May 29.....	75,186	44	.....	.....	.....	1	2	1	.....	3
Licata.....	May 21.....	20,000	80	.....	.....	.....	.....	.....	.....	.....	.....
Liege.....	May 29.....	166,110	47	.....	.....	.....	.....	1	.....	.....	1
Liverpool.....	May 22.....	644,129	286	.....	.....	.....	.....	3	3	2	18
Do.....	May 29.....	644,129	272	.....	.....	.....	.....	1	3	.....	10
Livingston.....	.....do.....	2,000	1	.....	.....	.....	.....	.....	.....	.....	.....
London, Canada.....	June 5.....	34,855	8	.....	.....	.....	.....	.....	.....	.....	.....
London, England.....	May 29.....	6,291,677	1,647	.....	.....	.....	.....	12	12	43	30
Madras.....	May 7.....	452,518	355	.....	.....	.....	.....	.....	.....	.....	13
Madrid.....	May 12.....	482,816	294	.....	1	4	.....	1	4	29	.....
Do.....	May 19.....	482,816	295	.....	.....	10	.....	.....	1	11	.....
Do.....	May 26.....	482,816	.....	.....	2	.....	9	1	.....	26	.....
Manchester.....	May 29.....	536,426	209	.....	.....	.....	.....	5	.....	12	12
Mannheim.....	.....do.....	101,500	47	.....	.....	.....	.....	.....	.....	1	.....
Matamoras.....	June 4.....	12,000	6	.....	.....	.....	.....	.....	.....	.....	.....
Melbourne.....	Apr. 24.....	450,000	.....	.....	.....	.....	3	.....	5	.....	.....
Do.....	May 1.....	450,000	.....	.....	.....	.....	3	1	4	.....	.....
Messina.....	May 29.....	107,000	12	.....	.....	.....	.....	.....	.....	.....	.....
Montevideo.....	May 8.....	215,061	52	.....	.....	.....	1	.....	.....	.....	.....
Munich.....	May 22.....	418,000	205	.....	.....	.....	.....	2	.....	3	2
Nagasaki.....	May 16.....	71,730	.....	.....	2	.....	.....	.....	.....	.....	.....
Odessa.....	May 22.....	425,000	126	.....	1	.....	3	2	1	.....	.....
Osaka and Hiogo.....	May 1.....	182,730	96	.....	4	.....	.....	1	.....	.....	.....
Do.....	May 8.....	182,730	102	.....	2	.....	.....	.....	2	.....	.....
Do.....	May 15.....	182,730	104	.....	2	.....	.....	.....	1	.....	.....
Palermo.....	May 22.....	273,000	117	.....	.....	.....	.....	.....	1	.....	.....
Paris.....	May 29.....	2,511,955	863	.....	.....	.....	5	1	3	32	10
Pernambuco.....	Apr. 3.....	200,000	122	.....	5	.....	.....	.....	.....	.....	.....
Do.....	Apr. 10.....	200,000	120	.....	9	.....	.....	.....	.....	.....	.....
Do.....	Apr. 17.....	200,000	118	.....	3	.....	.....	.....	.....	.....	.....
Do.....	Apr. 24.....	200,000	.....	.....	4	.....	.....	.....	.....	.....	.....
Prague.....	May 22.....	193,007	131	.....	.....	.....	.....	.....	1	2	3
Puert. Barrios.....	May 29.....	(*)	1	.....	.....	.....	.....	.....	.....	.....	.....
Puerto Cortes.....	June 2.....	2,000	1	.....	.....	.....	.....	.....	.....	.....	.....
Plymouth.....	May 29.....	97,340	35	.....	.....	.....	.....	.....	.....	1	2
Quebec.....	June 5.....	70,000	.....	.....	.....	.....	.....	.....	2	.....	.....
Queenstown.....	Apr. 24.....	15,000	7	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 1.....	15,000	4	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 8.....	15,000	4	.....	.....	.....	.....	.....	.....	.....	.....
Rheims.....	May 29.....	108,943	44	.....	.....	.....	.....	.....	.....	.....	.....
Rio de Janeiro.....	May 8.....	679,000	†286	2	.....	.....	5	.....	.....	.....	.....
Rotterdam.....	May 29.....	288,863	79	.....	.....	.....	1	.....	.....	.....	.....
Sagua la Grande.....	.....do.....	17,536	30	.....	3	.....	1	.....	.....	.....	.....
St. Georges, Bermuda.....	June 5.....	2,150	1	.....	.....	.....	.....	.....	.....	.....	.....
St. John, Antigua.....	May 15.....	16,679	13	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 22.....	16,679	11	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 29.....	16,679	7	.....	.....	.....	1	.....	.....	.....	.....
St. Petersburg.....	May 22.....	1,250,000	554	4	1	16	20	31	39	.....	.....
St. Thomas.....	May 14.....	12,019	10	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 21.....	12,019	8	.....	.....	.....	.....	.....	.....	.....	.....
Schledam.....	May 29.....	25,533	9	.....	.....	.....	.....	.....	.....	.....	.....
Southampton.....	.....do.....	98,002	32	.....	.....	.....	.....	.....	.....	.....	3
Stettin.....	May 8.....	150,000	62	.....	.....	.....	1	.....	.....	1	.....
Do.....	May 22.....	150,000	64	.....	.....	.....	1	1	1	.....	.....
Stockholm.....	.....do.....	274,611	89	.....	.....	.....	.....	1	.....	.....	.....
Stuttgart.....	May 27.....	158,378	38	.....	.....	.....	.....	.....	.....	.....	.....
Trapani.....	May 22.....	39,095	13	.....	.....	.....	.....	.....	.....	.....	.....
Trieste.....	.....do.....	158,314	73	.....	.....	.....	1	1	1	.....	.....
Tegucigalpa.....	May 8.....	12,000	5	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 15.....	12,000	5	.....	.....	.....	.....	.....	.....	.....	.....
Turpan.....	.....do.....	9,000	8	.....	.....	.....	.....	.....	.....	.....	.....
Do.....	May 22.....	9,000	5	.....	.....	.....	.....	.....	.....	.....	.....
Venice.....	.....do.....	165,222	59	.....	.....	.....	.....	.....	2	.....	.....
Vera Cruz.....	June 3.....	30,000	29	.....	.....	.....	.....	.....	.....	.....	.....
Warsaw.....	May 22.....	601,408	197	.....	1	1	2	4	3	1	1
Yokohama.....	Apr. 29.....	170,252	.....	.....	2	3	.....	.....	.....	1	.....
Zurich.....	May 8.....	154,000	60	.....	1	2	.....	.....	.....	1	1
Do.....	May 22.....	154,000	50	.....	.....	.....	.....	.....	.....	1	.....

\* Not reported. † Beriberi, 8.

By authority of the Secretary of the Treasury:

WALTER WYMAN,  
Supervising Surgeon-General U. S. Marine-Hospital Service.